IN THE CLAIMS:

Please AMEND claims 1 and 3, as shown below; and

Please CANCEL claim 31, without prejudice or disclaimer.

1. (Currently Amended) A capacitive acceleration sensor, comprising:

a pair of electrodes comprising

a movable electrode that is responsive to acceleration,

at least one stationary plate portion, and

an axis of rotation,

wherein the movable electrode is arranged as a torsion beam such that the movable electrode is rigidly supported at the axis of rotation and is free to rotate about the axis of rotation~~,~~;

~~wherein the position of the pair of electrodes is arranged symmetrically;~~ and

said capacitive acceleration sensor further comprising at least three additional pairs of electrodes,

wherein the at least three additional pairs of electrodes are of similar structure to the pair of electrodes,

wherein the position of the pairs of electrodes are arranged symmetrically with respect to at least two additional pairs of electrodes;

wherein the at least three additional pairs of electrodes and the pair of electrodes are configured to together provide multi-axis acceleration sensing using capacitive principles, and

wherein negative direction vectors of at least four movable electrodes intersect at essentially one point.

2. (Cancelled)

3. (Currently Amended) The capacitive acceleration sensor of Claim 1, wherein a shape of the pair of electrodes comprises at least one of triangle-like~~,~~ or drop-like~~, and hammer-like~~ pairs of electrodes.

4-16 (Cancelled)

17. (Previously Presented) The capacitive acceleration sensor of Claim 1, wherein only four pairs of electrodes are used in the acceleration sensor.

18. (Cancelled)

19. (Previously Presented) The capacitive acceleration sensor of Claim 17, wherein the sensor is configured to sense acceleration in two axes.

20. (Previously Presented) The capacitive acceleration sensor of Claim 17, wherein the sensor is configured to sense acceleration in three axes.

21. (Previously Presented) The capacitive acceleration sensor of Claim 17, wherein the only four pairs of electrodes are positioned to form four different axes of symmetry.

22. (Previously Presented) The capacitive acceleration sensor of Claim 17, wherein the only four pairs of electrodes are configured such that a positive direction vector of the movable electrode of each pair of the only four pairs of electrodes is at an angle of 90°, 180°, and 270° in relation to a positive direction vector of the other three movable electrodes.

23. (Cancelled)

24. (Previously Presented) The capacitive acceleration sensor of Claim 1, wherein only eight pairs of electrodes are used in the acceleration sensor.

25. (Cancelled)

26. (Previously Presented) The capacitive acceleration sensor of Claim 24, wherein the sensor is configured to sense acceleration in two axes.

27. (Previously Presented) The capacitive acceleration sensor of Claim 24, wherein the sensor is configured to sense acceleration in three axes.

28. (Previously Presented) The capacitive acceleration sensor of Claim 24, wherein the eight pairs of electrodes are positioned to form four different axes of symmetry.

29. (Previously Presented) The capacitive acceleration sensor of Claim 1, wherein different pairs of electrodes of the pair of electrodes and the at least three additional pairs of electrodes are configured to measure different ranges of acceleration.

30. (Previously Presented) The capacitive acceleration sensor of Claim 1, wherein some pairs of electrodes of the pair of electrodes and the at least three additional pairs of electrodes of the acceleration sensor are redundant.

31. (Cancelled)